**Introduction To Database Management Systems (Lab 3)**

**Problem:**

Problem Part 1.

Execute the following queries related to joins in mySQL.

(a). Display courseName from snucourses table and studentName from the snustudents

table by a FULL OUTER JOIN on courseID.

(b). Display qualification from snufaculty table and courseName from the snucourses table

by INNER JOIN of snufaculty on snucourses on courseID.

(c). Display all column data from snucourses table by LEFT JOIN of snucourses on snus-

tudents table on courseID.

Problem Part 2.

Execute the following queries related to group functions in mySQL.

(a). Get all the courses that have at least one student enrolled in it.

(b). Display the most popular courses in descending order of number of students enrolled.

(c). Display ALL data regarding busiest faculty (most number of courses)

(d). Display average, max and min students enrolled in courses.

(e). Display SUM of all studentYear fields where program is M.Tech.